

363364RECEIVED
OPPT CBIC

2015 JAN 13 PM 12:49

**LANDIS**
INTERNATIONAL
R & D MANAGEMENT

December 5, 2014

VIA FEDERAL EXPRESS

TSCA Confidential Business Information Center (7407M)
EPA East – Room 6428 – Attn: Section 8(e)
1200 Pennsylvania Avenue
Washington, DC 20460-0001

SUBJECT: Notice in Accordance with TSCA Section 8(e): Results of a subchronic toxicity study with 3-(4,4-difluoro-3,3-dimethyl-3,4-dihydroisoquinolin-1-yl)quinoline

Dear Sir/Madam:

LANDIS INTERNATIONAL, INC. (hereinafter LANDIS), Consultant and Regulatory Agent herein submits on behalf of MITSUI CHEMICALS AGRO, INC., EPA Company Number 86203, data which we believe to be reportable under TSCA 8(e). The information concerns results of a 28-day toxicity study in dogs with an experimental pesticide: 3-(4,4-difluoro-3,3-dimethyl-3,4-dihydroisoquinolin-1-yl)quinolone (hereinafter "test substance").

The purpose of this study was to provide information on the toxicity of repeated-dose exposure of dogs to the test substance. The study protocol provided that the test substance would be administered to five (5) groups of one male and one female dogs at each dose level daily for 28 days using capsule administration. The dose levels were 0, 30, 120, 500, and 1,000 mg/kg bw/day.

The female dog at the 500 mg/kg bw/day dose was sacrificed before study termination (on treatment day 15) due to emaciation evidenced by marked body weight loss accompanied with persistent food consumption reduction. The female dog at the 1,000 mg/kg bw/day dose also exhibited persistent food consumption reduction but to a much less significant extent than did the 500 mg/kg bw/day female. For both of these female dogs, reduction in food consumption began on the second treatment day and continued until sacrifice. Effects on food consumption were limited to the female groups but several other animals of both sexes vomited portions of their feed at various times during the study. At this time it is uncertain whether the effects seen in this study were due to treatment-related toxicity or marked unpalatability.

LANDIS understands that reporting of results from this study under TSCA 8(e) is in accordance with EPA's policy.

Please contact Richard H. Collier, Ph.D. at (229) 247-6472 or dcollier@landisintl.com if any questions arise or further information is required.

Best regards,

Richard H. Collier, Ph.D.
Regulatory Agent for MITSUI CHEMICALS AGRO, INC.

ORIGIN ID: VLDA (229) 247-6472
RICHARD COLLIER
LANDIS INTERNATIONAL
3185 MADISON HWY

VALDOSTA, GA 31601
UNITED STATES US

SHIP DATE: 12JAN15
ACTWGT: 1.0 LB
CAD: 4101554/INET3550

BILL SENDER

TO TSCA CONF. BUS. INFO. CNTR. 7407M

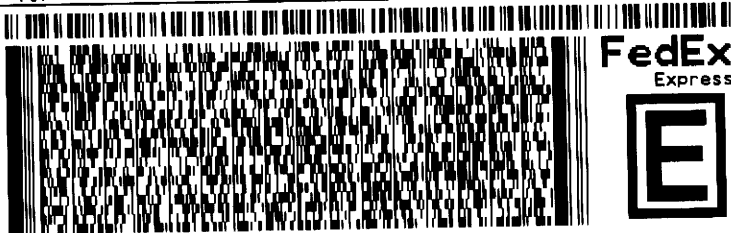
EPA EAST-ROOM **6428**-TTN: SECT. 8(E)
1200 PENNSYLVANIA AVENUE
WASHINGTON DC DC 20460

(229) 247-6472

REF: 12434157

INV:
PO:

DEPT:



FedEx
Express



J142214892301uv

TRK# 7725 4853 1845
0201

TUE - 13 JAN AA
STANDARD OVERNIGHT

XC RDVA

20460
DC-US IAD

Print # 156297-435 RIT2 05/14

